

/ Perfect Welding / Solar Energy / Perfect Charging



ACCUPOCKET 150/400

Arc stability without a power supply



ARC STABILITY WITHOUT A GRID CONNECTION? NO PROBLEM!

What will the conditions be like when welding on site? Will the grid connection there be sufficient for the power source? Thanks to AccuPocket, these concerns will now be a thing of the past. With its battery mode, AccuPocket offers you a welding process that is completely independent from the grid. With conventional solutions, costly grid leads or a heavy, noisy generator are often required at the welding site – neither of which constitute ideal conditions for a welder. This is where AccuPocket can help.

What's your
welding challenge?

Let's get connected.



ADVANTAGES OF THE ACCUPOCKET



THREE DIFFERENT OPERATING MODES

- / Up to 18 electrodes (2.5 mm) with a battery charging in battery mode
- / Generator-powered operation (2 kVA is sufficient)
- / Stable arc for simultaneous charging and welding in hybrid mode

MOBILE AND ROBUST

- / Integrated battery
- / 11 kg overall weight (without charger)
- / Robust design for use in challenging conditions
- / TIG version with additional functions available



INCREASED ARC STABILITY THANKS TO BATTERY TECHNOLOGY

- / Easy electrode ignition due to high short-circuit currents
- / Welding voltage independent of state of charge, no arc break
- / Rutile, basic, CEL and special electrodes
- / 6 x 3.25 mm or 18 x 2.5 mm electrodes for full battery charging or 130 cm TIG weld seam at 150 A

SAFE, HIGH-POWER BATTERY MEETS WELDING TECHNOLOGY

- / LiFePo₄, 400 Wh
- / No Memory Effect
- / Low self discharge
- / Voltage monitoring for all battery cells
- / Protection from overcharging, deep discharge and overheating
- / Rapid charging in 30 minutes (80% performance)



TECHNICAL DATA

	AccuPocket		Active Charger 1000/120
Nominal voltage of rechargeable battery	52.8 V	Grid voltage	- 120 V AC, ±5%
Charging current during normal charging	10 A	Grid frequency	50/60 Hz
Charging current during rapid charging	18 A	Mains current	max. 16 A eff.
Battery capacity	396 Wh	Mains fuse	max. 20 A
Battery type	Lithium ion	Efficiency	max. 93.5%
Welding current range		Effective power	max. 1100 W
Electrode DC	10–140 A	Power consumption (standby)	max. 1.7 W
TIG DC	3–150 A	Protection class	I (with ground conductor)
Welding current in hybrid mode		Max. approved grid impedance at the interface (PCC) with the public grid	None
Manual metal arc welding at 40°C (104°F)	18% DC, 140 A 25% DC, 100 A 100% DC, 40 A	EMC device class	A
Welding current in hybrid mode		Marks of conformity	CE, CSA
TIG welding at 40°C (104°F)	25% DC, 150 A 50% DC, 100 A 100% DC, 65 A	Output voltage	30–58 V DC
Open circuit voltage	90 V	Output current	Max. 18 A DC
Reduced open circuit voltage	15 V	Output power	max. 1025 W
Degree of protection	IP 23	Cooling	Convection and fan
Type of cooling	AF	Dimensions l/w/h	270 x 168 x 100 mm
Marks of conformity	CE, S	Weight (without cable)	approx. 2 kg
Dimensions l/w/h	435 x 160 x 310 mm	Degree of protection	IP43S
		Overvoltage category	
		Device is only permitted to be operated on grids that are grounded at the neutral point.	II

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THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 4,760 employees worldwide and 1,253 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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